



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Vistawall Architectural Products
803 Airport road,
Terrell, TX 75160

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Rugged" Outswing Storefront Doors (MS)-LMI

APPROVAL DOCUMENT: Drawing No. **RUGGEDMS-01**, titled "Rugged Outswing (Medium Stiles) Doors", sheets 1 through 13 of 13, prepared by manufacturer, dated July 25, 2007, signed and sealed by William D. Cook, P. E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews** NOA # **01-0516.13** consists of this page 1 and evidence page E-1, E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 07-0411.09
Expiration Date: May 24, 2012
Approval Date: August 23, 2007
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No.RUGGEDMS-01, titled "Rugged Outswing (Medium Stiles) Doors", sheets 1 through 13 of 13, prepared by manufacturer, dated July 25, 2007, signed and sealed by William D. Cook, P. E.

B. TESTS (transferred from file #01-0516.13) Original test conducted per SFBC, PA 201, 202 and PA203-94 now termed as FBC, 201, 202 and 203-94.

1. Test reports on 1) Large Missile Impact Test, FBC, TAS 201-94
2) Cyclic Loading Test, per FBC, TAS 203-94
3) Uniform Static Air Pressure, Loading per FBC, TAS 202-94
along with installation diagram of a window wall system prepared by Hurricane Test Laboratory, Test Report No.**HTL-0105-0309-01**, dated 3/6/01, signed and sealed by Vinu J. Abraham, P.E. (This test report has been revised on December 27, 2001 by addendum letter issued by HTL, signed and sealed by Vinu J. Abraham, P.E.)

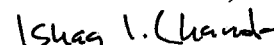
2. Test reports on 1) Large Missile Impact Test, FBC, TAS 201-94
2) Cyclic Loading Test, per FBC, TAS 203-94
along with installation diagram of a window wall system prepared by Hurricane Test Laboratory, Test Report No.**HTL-0105-1212-00**, dated 12/20/00, signed and sealed by Vinu J. Abraham, P.E.

3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per FBC, TAS202-94
4) Forced Entry Test, per FBC , TAS 202-94.
5) Large Missile Impact Test, FBC, TAS 201-94
6) Cyclic Loading Test, per FBC, TAS 203-94
along with installation diagram of a window wall system prepared by Hurricane Test Laboratory, Test Report No.**HTL-0105-1212-00**, dated 12/21/00, signed and sealed by Vinu J. Abraham, P.E.

4. Additional test report (Single Door):
Test reports on 1) Air Infiltration Test, per TAS 202-94
2) Uniform Static Air Pressure Test, Loading per TAS 202-94
3) Water Resistance Test, per TAS 202-94
4) Forced Entry Test per FBC, TAS 202-94.
along with installation diagram of a single outswing door, prepared by Hurricane Test Laboratory, Test Report No.**HTL-0105-0801-99**, dated 08/02/99, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS:

1. Anchor verification calculations complying w/ FBC 2004, prepared by Al Bromley-Cook Engineering, Inc., signed and sealed by William D. Cook, P.E.
2. Anchor calculations and structural analysis, prepared by Al Bromley-Cook Engineering, Inc., dated 09/12/01, 01-22-01, 04-10-02 and last revised on 04/17/02, signed and sealed by William D. Cook, P.E. (transferred from file #01-0516.13).


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 07-0411.09

Expiration Date: May 24, 2012
Approval Date: August 23, 2007

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. 06-1205.05 issued to Globe Amerada for “**Glass Clad Polycarbonate**”, expiring on 02/15/2008.
2. Notice of Acceptance No. **02-1205.03**. issued to Security Impact glass holdings L.L.C. for “**Saf-glas**”, expiring on 12-16-2007.

F. STATEMENTS (transferred from file #01-0516.13)

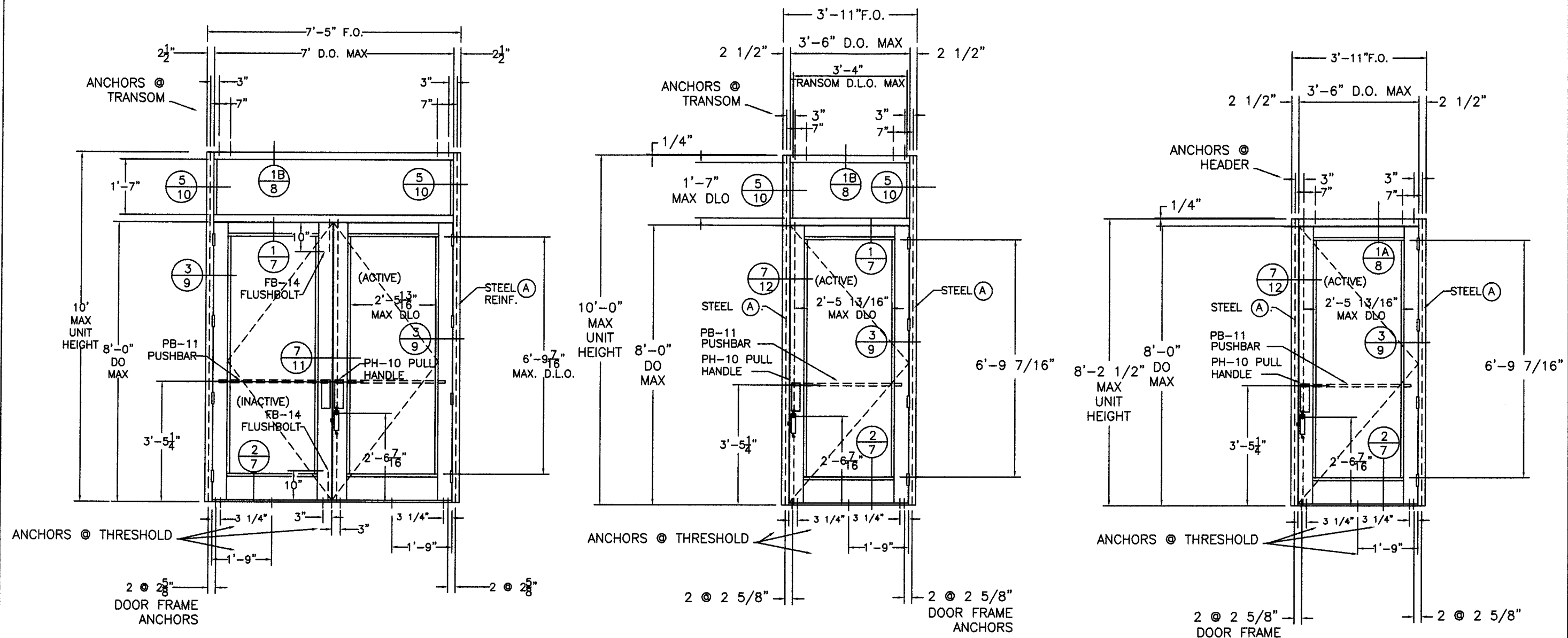
1. Statement letter of conformance, “No financial interest” and “Engineer still in Business”, dated April 04, 2007, signed by William D. Cook, P.E.
2. Statement letter of conformance and “No financial interest”, dated October 10, 2001, signed by William D. Cook, P.E.
3. Statement of compliance by Hurricane Test Laboratory for the above referenced test reports, signed and sealed by Vinu J. Abraham, P.E
4. Addendum to test report No. **HTL-0105-0309-01**-dated December 27, 2001 issued by HTL, signed and sealed by Vinu J. Abraham, P.E.
2. Lab conformance letter, part of above referenced test reports.

G. OTHER

1. This NOA **renews** NOA # **01-0516.13**, expired on May 24, 2007.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 07-0411.09
Expiration Date: May 24, 2012
Approval Date: August 23, 2007



TYPICAL DOOR ELEVATIONS

- NOTES:**
1. THIS PRODUCT HAS BEEN DESIGNED & TESTED FOR COMPLIANCE WITH THE REQUIREMENTS OF 2004 FLORIDA BUILDING CODE HIGH VELOCITY HURRICANE ZONE.
 2. DOORS GLAZED WITH LAMINATED GLASS TESTED FOR LARGE MISSILE IMPACT & CYCLIC PRESSURE AS PER TAS 201, 202, 203 HURRICANE PROTECTION NOT REQUIRED.
 3. WOOD BUCKS MUST BE ENGINEERED SEPERATLEY AND ANCHORED PROPERLY TO TRANSFER IMPOSED LOADS TO THE STRUCTURE.
 4. ALL ANCHORS SHALL BE AS DESCRIBED AND DETAILED ON THESE DRAWINGS AND SHALL HAVE PROPER EMBEDMENT INTO THE BASE MATERIAL BEYOND WALL FINISHES AND OR STUCCO.
 5. ANCHORAGE OR LOADING CONDITIONS NOT SHOWN IN THESE DRAWINGS ARE NOT PART OF THIS PRODUCT APPROVAL.
 6. A 33% INCREASE IN ALLOWABLE STRESS WAS NOT USED IN THE DESIGN OF MATERIALS AND OR ANCHORAGE.

THIS PRODUCT COVERED
BY THE FOLLOWING PATENTS
5469665 & 6158182
OTHER PATENTS PENDING

ALL ALUMINUM SHALL BE 6063-T6 ALLOY MIN.
SEE PAGE 2 FOR ALLOWABLE DESIGN PRESSURE CHARTS
SEE PAGE 2 FOR ALLOWABLE GLASS TYPES
SEE PAGE 4 FOR ANCHOR TYPES
SEE DETAILS ON PAGE 9 FOR STEEL REINFORCING INSIDE MULLIONS
SEE SEPERATE N.O.A. FOR WINDOW WALL FRAMING FG-5000

DO = DOOR OPENING
DLO = DAY LIGHT OPENING

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-041-09
Expiration Date MAY 24, 2012
By *[Signature]*
Miami-Dade Product Control
Division

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FT. LAUDERDALE, FL 33309

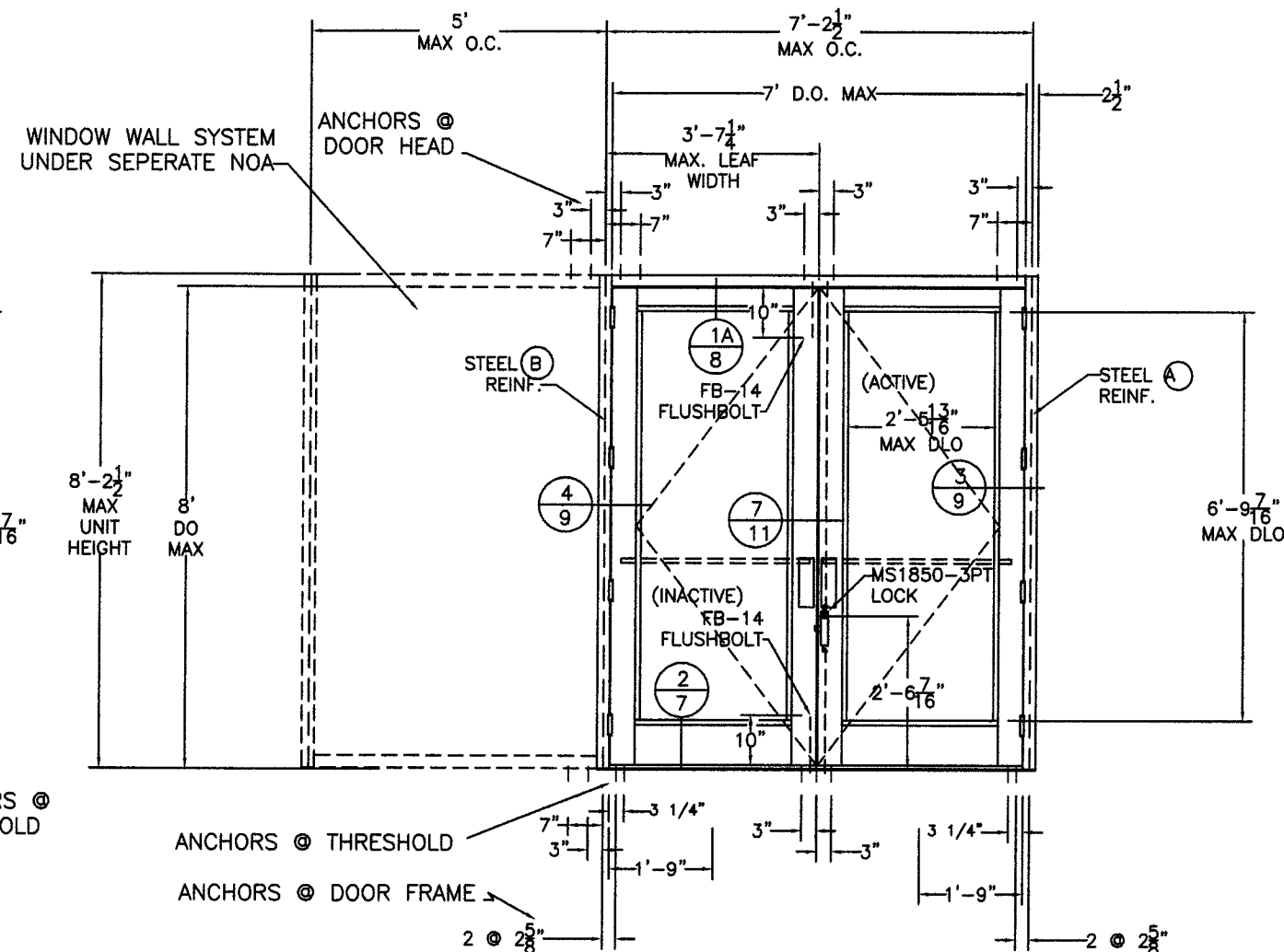
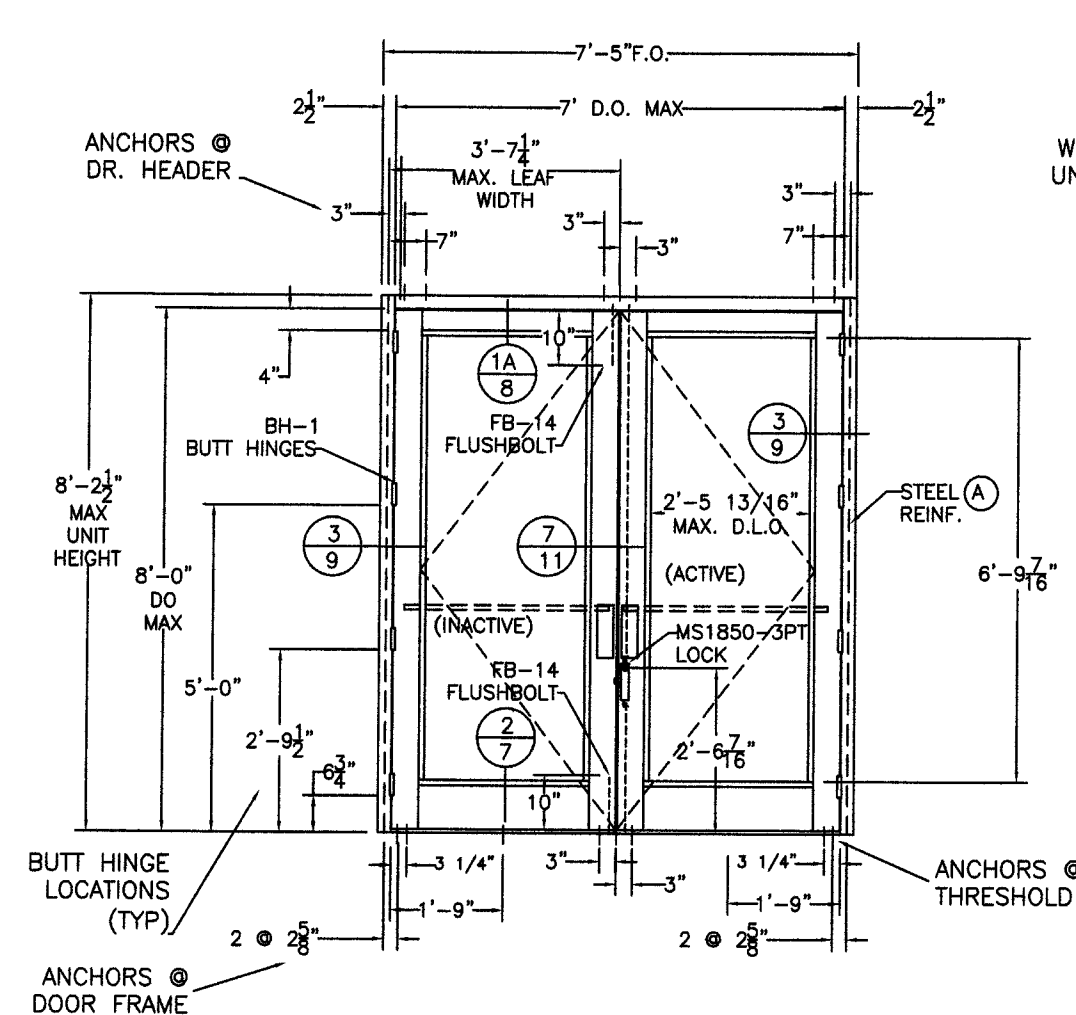
JUL 25 2007
WILLIAM D. COOK P.E.
FL. P.E. #43904
FL. S.I. #2008

E	REVISIONS FOR RENEWAL	4-02-07	MG
D	ADD GLASS CHART	4-10-02	PC
C	REVISE PER DADE REVIEW	4-03-02	PC
A	REVISE PER DADE REVIEW	9-28-01	PC
NO.	REVISION	DATE	BY

VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

RUGGED OUTSWING (MEDIUM STILE) DOORS
W/ FG-5000 WINDOW WALL SYSTEM

DATE	7/12/2007	SHEET 1 OF 13
DRAWN BY	JPC	
DWG. NO.	RUGGEDMS_01	



TYPICAL DOOR ELEVATIONS

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0411.09
Expiration Date 11/24/12
By 1. Chaudhary
Miami Dade Product Control
Division

SEE PAGE 1 FOR TYPICAL DESIGN NOTES

SEE PAGE 2 FOR ALLOWABLE DESIGN PRESSURE CHARTS

SEE PAGE 2 FOR ALLOWABLE GLASS TYPES

SEE PAGE 4 FOR ANCHOR TYPES

SEE DETAILS ON PAGES 9 FOR STEEL REINFORCING
INSIDE MULLIONS

SEE SEPERATE N.O.A. FOR WINDOW WALL FRAMING
FG-5000

ALLOWABLE DESIGN LOADS		
USING TYPE 1 GLAZING	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED W/ REMOVABLE WEATHERSHIELD IN PLACE AT MEETING STILES	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSTIVE (+)	90psf (13.5psf WATER)	90psf
NEGATIVE (-)	90psf	90psf
USING TYPE 2 GLAZING	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED W/ REMOVABLE WEATHERSHIELD IN PLACE AT MEETING STILES	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
POSTIVE(+)	70psf (13.5psf WATER)	70psf
NEGATIVE(-)	80psf	80psf

GLASS SCHEDULE & GLAZING TYPE (LARGE MISSILE IMPACT)		
TYPE	MANUFACTURER	DESCRIPTION
①	GLOBE- AMERADA	7/16" LAMINATED -P916 WINDPANE GLASS BITE = 9/16" MIN. 3/16" TEMPERED GLASS AT INNER & OUTER FACES; .118 POLYCARBONATE; .050 POLYURETHANE LAMINATE
②	SECURITY IMPACT GLASS	9/16" LAMINATED SAF-GLASS GLASS BITE = 9/16" MIN. 1/4" TEMPERED GLASS AT INNER & OUTER FACES; .070 POLYCARBONATE; .015 ALIPHATIC URETHANE LAMINATE

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FT. LAUDERDALE, FL 33309

JUL 25 2007

WILLIAM D. COOK P.E.
FL. P.E. #43904

VISTAWALL ARCHITECTURAL PRODUCTS			
NO.	REVISION	DATE	BY

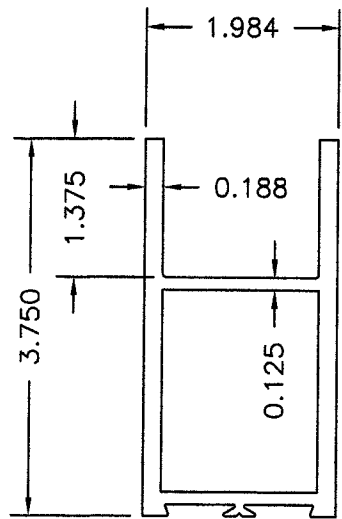
PRODUCT DEVELOPMENT GROUP

RUGGED OUTSWING(MEDIUM STILE) DOORS
W/ FG-5000 WINDOW WALL SYSTEM

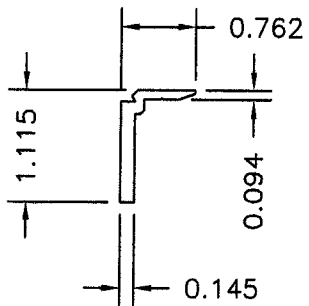
DATE 7/12/2007
DRAWN BY JPC
DWG. NO. RUGGEDMS_01

SHEET
2
OF 13

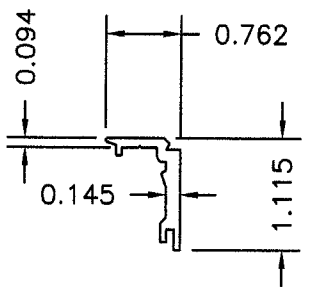
EXTRUSION PROFILES (6063 T-6 ALLOY)



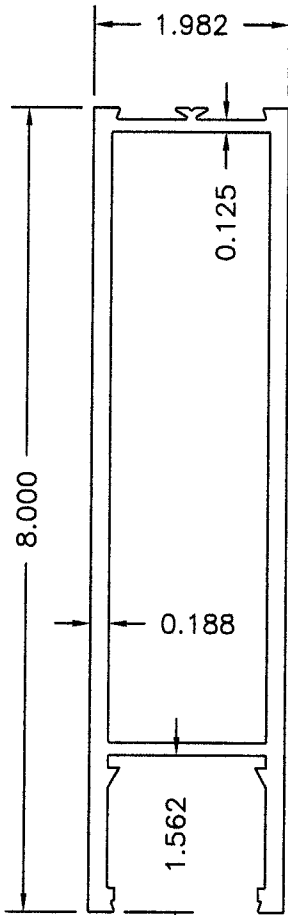
D-1905 TOP RAIL



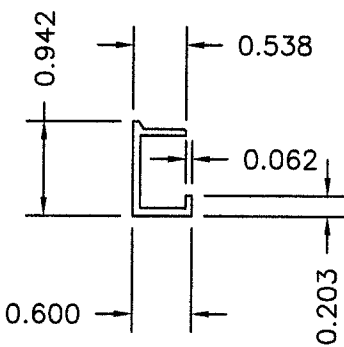
D-152 EXTERIOR DOOR STOP



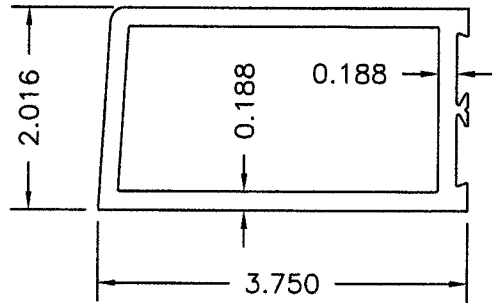
D-153 INTERIOR DOOR STOP



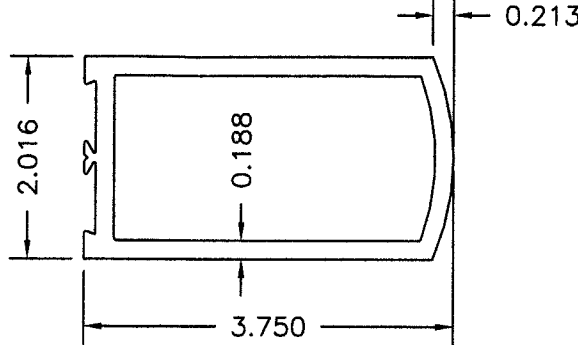
D-1888 BOTTOM RAIL



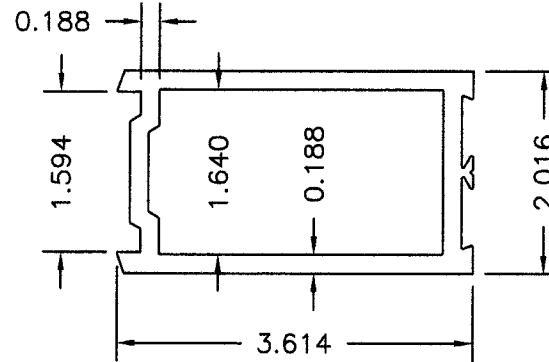
D-162 INTERIOR DOOR STOP FILLER



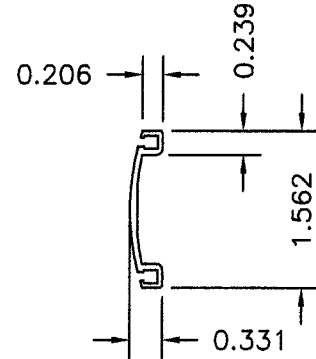
D-1880 DOOR STILE



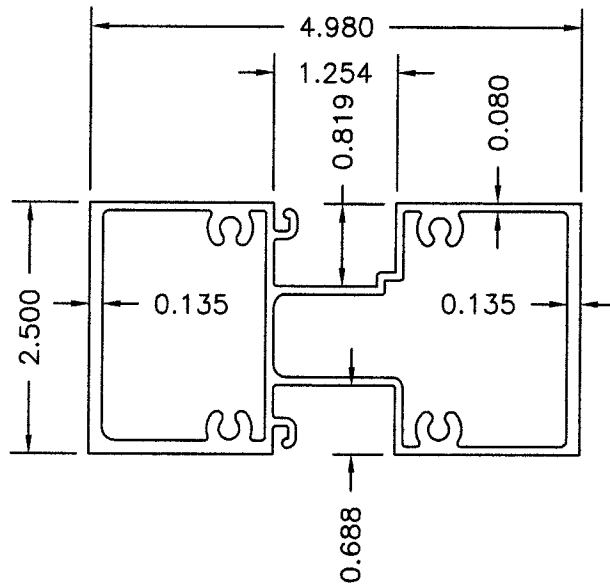
D-1881 MEETING STILE



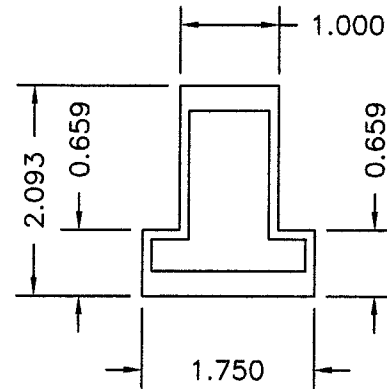
D-1883 MEETING STILE



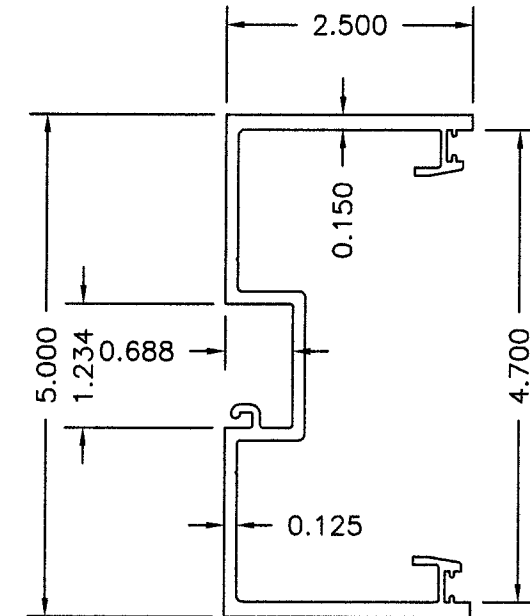
AS-6 ADJUSTABLE ASTRAGAL



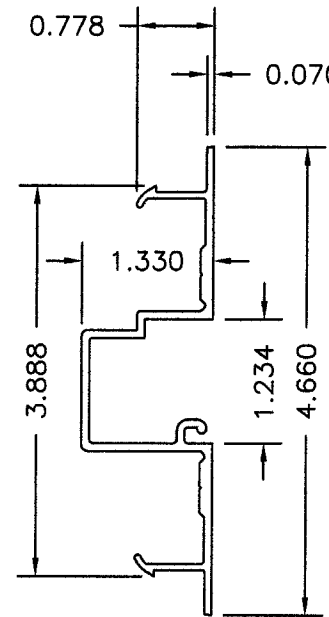
FG-5120 DOOR HEAD



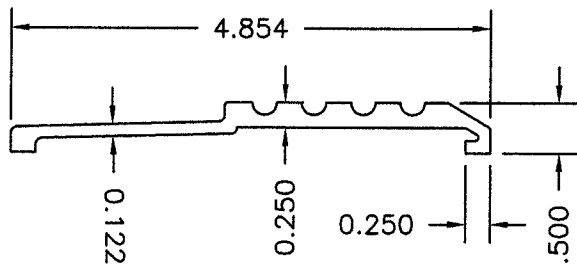
FG-5123 REMOVEABLE WEATHERSEAL MULLION



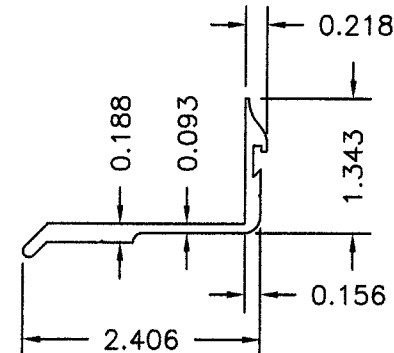
FG-5108 MULLION



FG-5109 MULL FILLER



TH-56 THRESHOLD



D-178 DOOR SWEEP

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0411-09
Expiration Date MAY 24, 2012
By Greg L. Chauda
Miami Bada Product Control
Division

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FT. LAUDERDALE, FL 33309

JUL 25 2007

WILLIAM D. COOK P.E.
FL. P.E. #43904

VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

RUGGED OUTSWING (MEDIUM STILE) DOORS
W/ FG-5000 WINDOW WALL SYSTEM

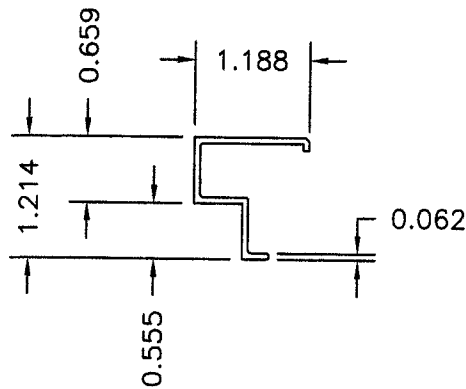
DATE 7-12-07
DRAWN BY JPC
DWG. NO. RUGGEDMS_01

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OF 13

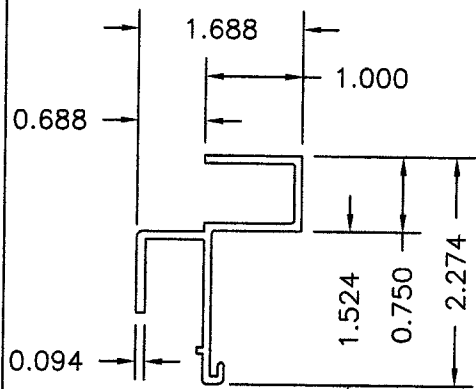
NO.	REVISION	DATE	BY

EXTRUSION PROFILES

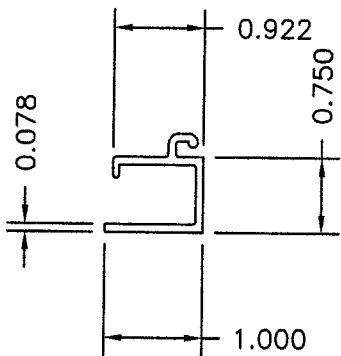
DOOR ACCESSORIES, HARDWARE & COMPONENTS



FG-5122 DOOR STOP



FG-5118 TRANSOM SASH



FG-5119 TRANSOM SASH STOP

FASTENER/ANCHOR SCHEDULE

PART NO.	DESCRIPTION	LOCATION
FS-2	#8 X 1/2" PFH	DOOR SWEEP
FS-7	#10 X 3/4" PFH	DOOR RAILS @ B134
FS-8	#14 X 1" HH	FRAME ASSEMBLY
FS-14	1/4"-20 X 1 1/8" PFH	PUSHBAR
FS-18	1/4"-20 X 2 1/2" PRH	GLASS JACK
FS-22	#12-24 X 1/2" PFH	BUTT HINGES
FS-36	1/4"-20 X 3/4" HHMS	B134-D1888
FS-39	1/4"-20 X 1" HHMS	DOOR RAILS & PULLHANDLE
FS-50	#8-32 X 1/2" PFHMS	FLUSHBOLTS
FS-56	#10 X 1/2" PFHSTS	LOCKS
FS-58	#10 X 1" PFH	DOOR STOP
FSW-65	1/4" LOCKWASHER	DOOR RAILS @ B134
FS-114	#8 X 3/8" PPH	GLASS STOPS
FS-115	#10 X 1" PPH	TRANSOM SASH
FS-119	#10 X 1 3/8" PFH	DOOR STOP
FS-201	#10 X 2" PFH	D-173 WEATHERSEAL
FS-255	1/4"-20 X 3/4" PPH	DOOR ANCHOR
KB11C38-3	3/8" HILTI FH EXP ANCHOR W/ 2 1/2" MIN EMBEDMENT	THRESHOLD @ CONCRETE
KB1138-334	3/8" HILTI HH EXP ANCHOR W/ 2 1/2" MIN EMBEDMENT	TYP ANCHOR BOLT @ CONCRETE
	3/8" X 2 1/2" HHBOLT SAE GRD 2	TYP HEAD ANCHOR @ STEEL

WEATHERSTRIPPING SCHEDULE

PART NO.	DESCRIPTION	MANUFACTURER	MATERIAL	LOCATION
V2106	3/16" X 1/4" DSA TAPE	NORTON	THERMALBOND	INT. DRS.
V2108	1/4" X 1/4" DSA TAPE	NORTON	THERMALBOND	EXT. DRS.
V2110	5/16" X 5/16" SSA TAPE	NORTON	THERMALBOND	GLASS INT.
V7812	3/8" X 1/2" SSA TAPE	NORTON	NEORPRENE	DOOR STOP
FG-1133	EXTERIOR GASKET	VISTAWALL	EPDM	EXT. GLASS
795	STRUCTURAL SILICONE	DOW-CORNING	SILICONE	WINDOWS/DOORS
D-174	DOOR SWEEP GASKET	VISTAWALL	SILICONE	D-178 DOOR SWEEP
D-1913	DOOR FIN SEAL	VISTAWALL	EPDM	AS-6 ASTRAGAL (PRS)
WP-081	DOOR SEAL	VISTAWALL	WOOLPILE	AS-6 (SINGLE DR)
7100	SEALANT	SCHNEE-MOREHEAD	POLYURETHANE	PERIMETER/GASKETS
SM5601	SEALANT TAPE	SCHNEE-MOREHEAD	BUTYL	FRAME JOINTS

ACCESSORY SCHEDULE

PART NO.	DESCRIPTION	LOCATION
323	NYLON END CAP	GLASS JACK
3454	BRACKET	FLUSHBOLT
FG5000-FP-7	ANCHOR	THRESHOLD
1608	9 ga STL BACK-UP PLT.	BUTT HINGES
1025	3/16" STL BACK-UP PLT	SHEARBLOCKS
B134-D1892	SHEARBLOCK	DOOR RAILS
B134-D1888	SHEARBLOCK	DOOR RAILS
FG5000-FP-2	CAULK STOP	SIDELITE SILL

COMPONENT SCHEDULE

EXTRUSION NO.	DESCRIPTION
FG-5108	MULLION
FG-5109	MULL FILLER
FG-5110	DOOR HEAD
FG-5113	TRANSOM HEAD
FG-5118	TRANSOM SASH
FG-5119	SASH STOP
FG-5120	DOOR HEADER
FG-5122	DOOR STOP
FG-5123	REMOVABLE WEATHERSEAL
FG-5161	TRANSOM HEAD POCKET FILLER
D-1880	DOOR STILE
D-1881	MEETING STILE
D-1883	MEETING STILE
D-1888	BOTTOM RAIL
D-1905	TOP RAIL
D-1913	ADJUSTABLE ASTRAGAL
D-152	EXT. DOOR STOP
D-153	INT. DOOR STOP
D-162	INT DOOR STOP FILLER
D-178	DOOR SWEEP
TH-56	THRESHOLD

DOOR HARDWARE

MANUFACTURER	PART NO.	DESCRIPTION
ADAMS-RITE	MS1850-3PT	THREE POINT LOCK
	W/ 41-0828	REINFORCED BRACKETS
VISTAWALL	CY-1	LOCK CYLINDERS
INTERNATIONAL	FB-14	FLUSHBOLTS
	a. 1/4"-20 GRADE 5 THREADED RODS	
	b. THREADED STEEL TIPS	
VISTAWALL	PH-10	PULL HANDLES
"	PB-11	PUSH BAR
"	TH-56	THRESHOLD
LCN	1370	SURFACE CLOSER
OR EQUAL		
HAGER	BB1191	S/S BUTT HINGES (2 PR PER LEAF)

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 07-0411-09
Expiration Date 04/24/2012
By Ismael L. Chandra
Miami Dade Product Control
Division

BROMLEY-COOK ENGINEERING, INC.
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5440 N.W. 33RD AVENUE SUITE 100
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JUL 25 2007

WILLIAM D. COOK P.E.
FL. P.E. #43904

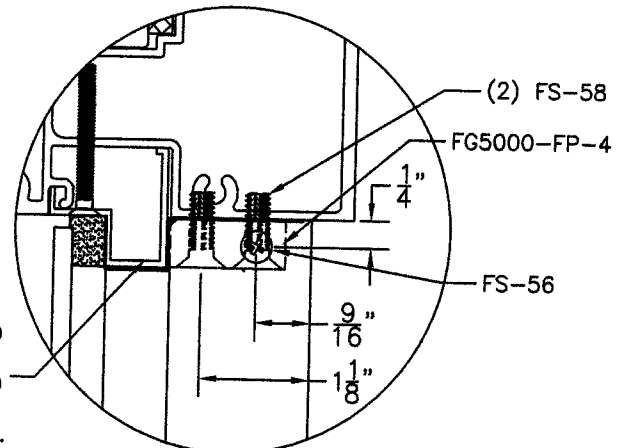
VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

RUGGED OUTSWING (MEDIUM STILE) DOORS
W/ FG-5000 WINDOW WALL SYSTEM

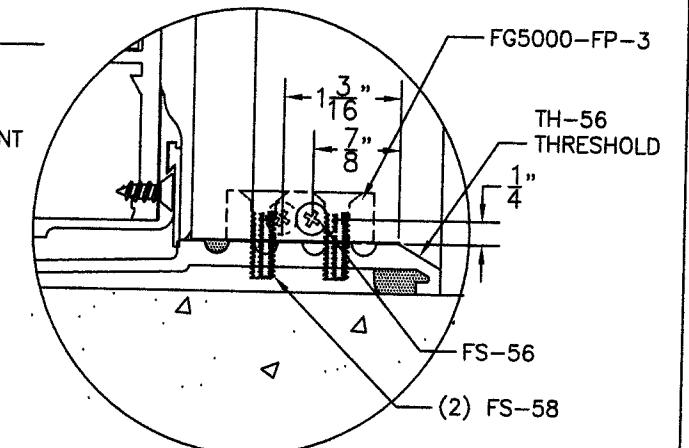
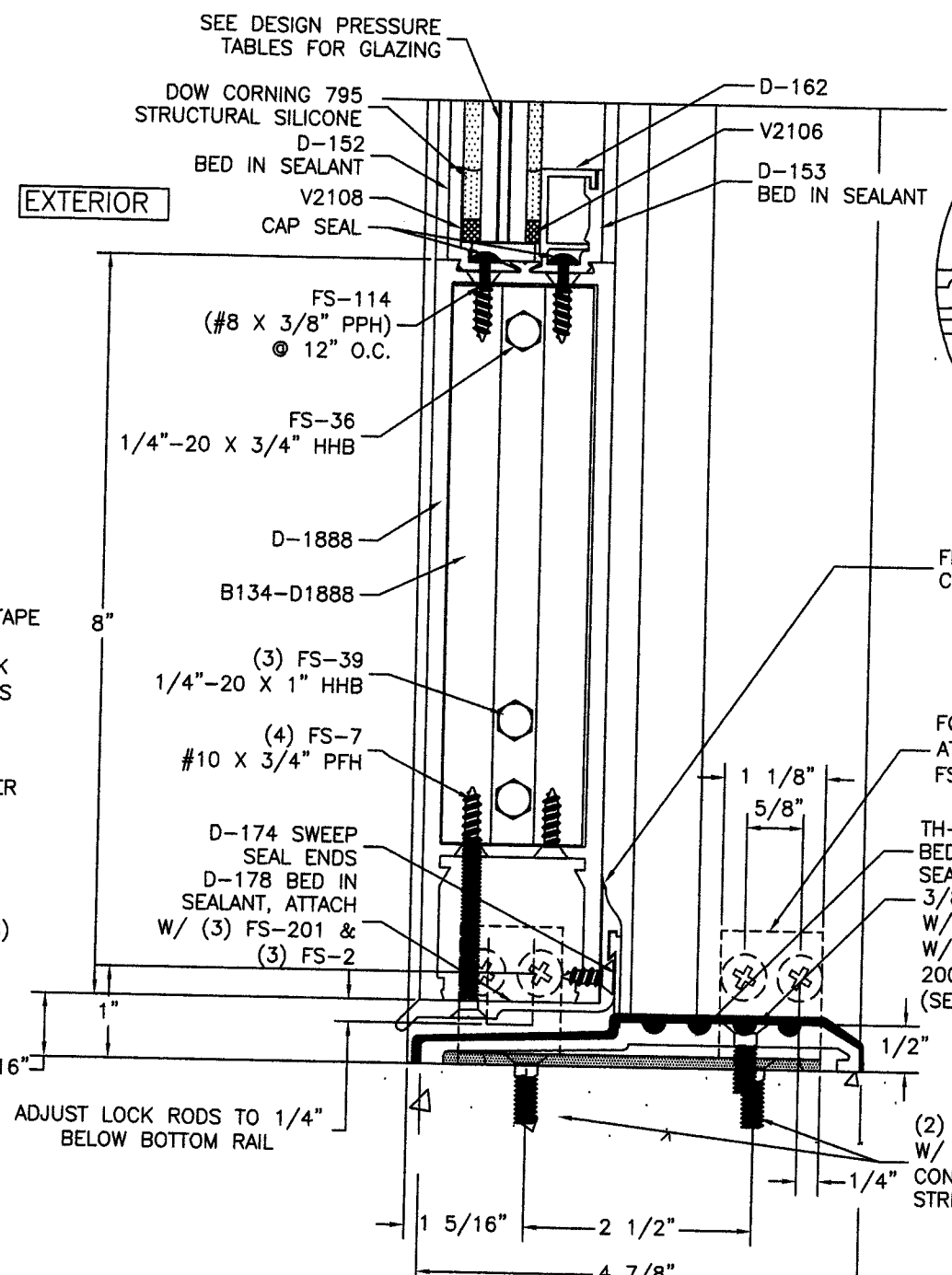
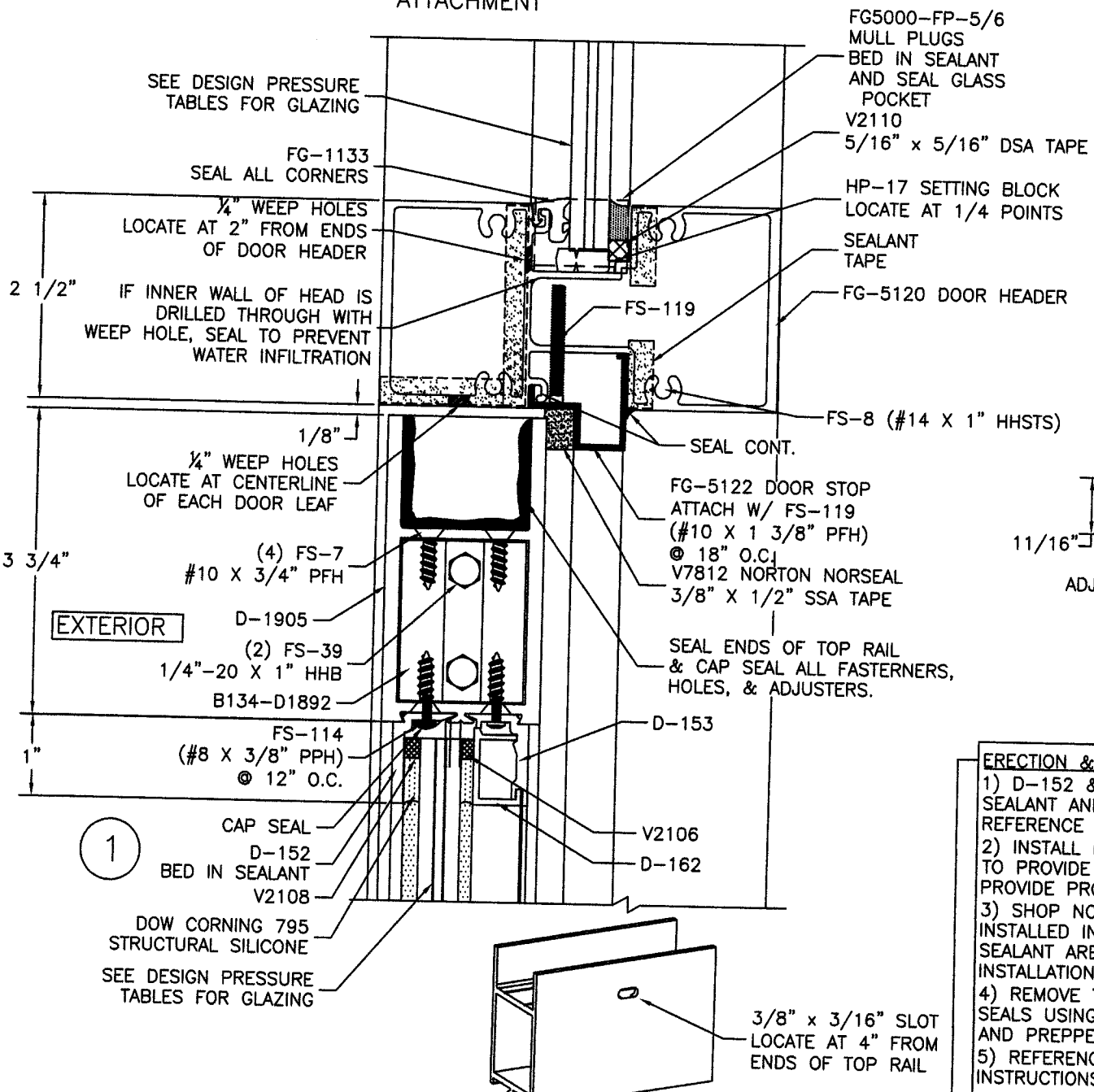
DATE 7-12-07
DRAWN BY JPC
DWG. NO. RUGGEDMS_01

SHEET
6
OF 13

NO.	REVISION	DATE	BY



REMOVABLE WEATHERSEAL ATTACHMENT



REMOVABLE WEATHERSEAL ATTACHMENT

ERECTION & SEALANT INSTRUCTIONS:

- 1) D-152 & D-153 GLAZING STOP TO BE BED IN SEALANT AND ALL PERIMETER JOINTS SEALED. REFERENCE SHEET 9 FOR ADDITIONAL INFORMATION.
- 2) INSTALL DOORS INTO FRAME OPENING, ADJUST DOORS TO PROVIDE PROPER REVEAL AROUND DOOR AND TO PROVIDE PROPER INTERFACE AT LOCKING POINTS.
- 3) SHOP NOTE: IF DOORS ARE ASSEMBLED AND GLASS INSTALLED IN SHOP. CLEAN ALL SURFACES AND MASK OFF SEALANT AREA WITH GLAZING TAPE UNTIL DOOR INSTALLATION IS COMPLETE.
- 4) REMOVE TAPE WHERE REQUIRED AND RUN STRUCTURAL SEALS USING DOW 795. BE SURE ALL AREAS ARE CLEANED AND PREPPED PER DOW RECOMMENDATIONS.
- 5) REFERENCE SHEET 13 FOR INSTALLATION AND SEALANT INSTRUCTIONS FOR V7812 DOOR STOP TAPE.

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PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0411-05
Expiration Date May 27, 2012
By *Isaac L. Chaudh*
Miami-Dade Product Control
Division

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FT. LAUDERDALE, FL 33309

JUL 25 2007

WILLIAM D. COOK P.E.
FL. P.E. #43904

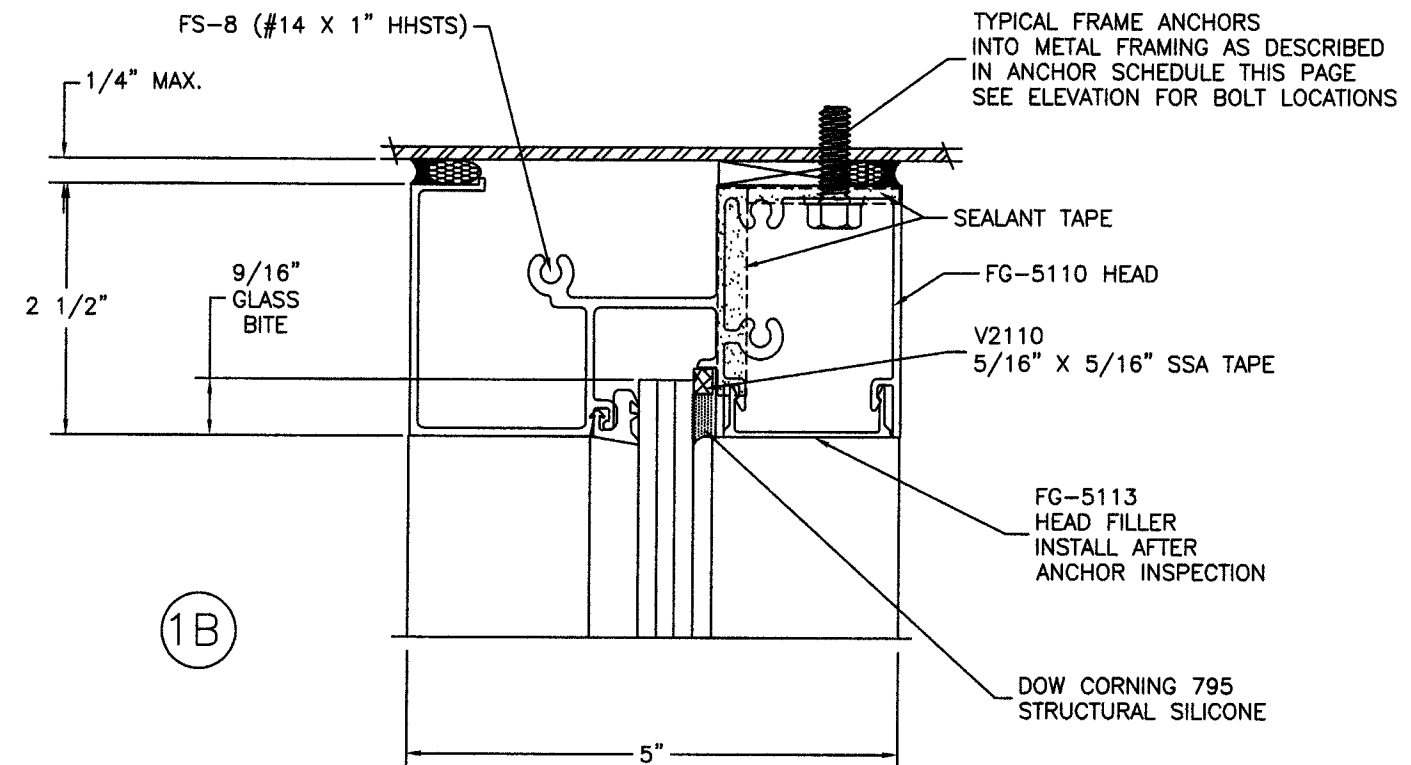
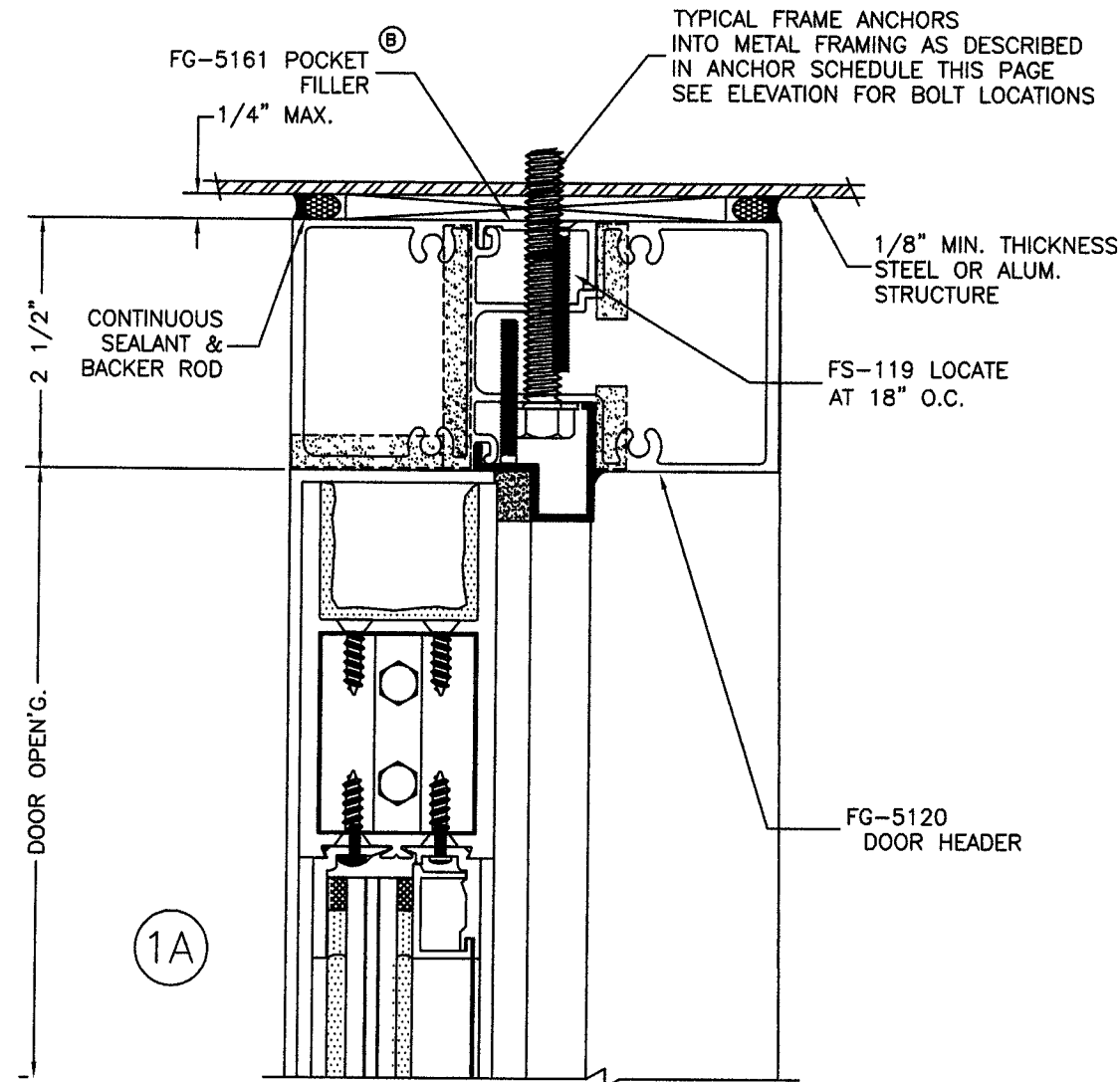
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VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

RUGGED OUTSWING (MEDIUM STILE) DOORS
W/ FG5000 WINDOW WALL SYSTEM

DATE 7/12/2007
DRAWN BY JPC
DWG. NO. RUGGEDMS_01

SHEET
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OF 13



FRAME ANCHOR SCHEDULE

SUBSTRATE	ANCHOR TYPE
2000 P.S.I. CONC. MIN.	3/8" DIA. HILTI KWIK-BOLT II (HEX HEAD OR FLAT HD.) 2 1/2" MIN. EMBED - 3 1/2" MIN. EDGE DISTANCE INSTALL DIRECTLY INTO CONC. OR THRU P.T. 1 X 4 BUCK
METAL STRUCTURE (1/8" MIN.) THICKNESS	3/8" DIA. THREAD CUTTING MACHINE BOLT. ASTM A307 MIN. (HEX HEAD OR FLAT HEAD) INSTALL DIRECTLY INTO STEEL.

PRODUCT RENEWED
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By Shag L. Llanes
Miami-Dade Product Control
Division

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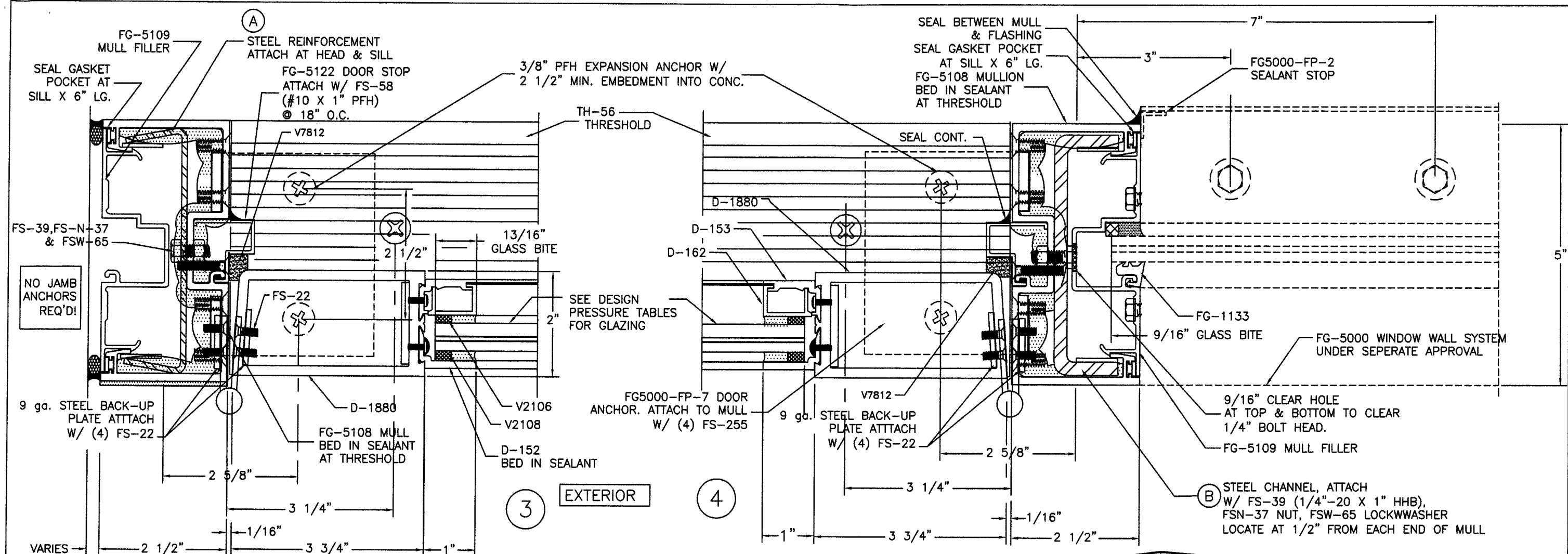
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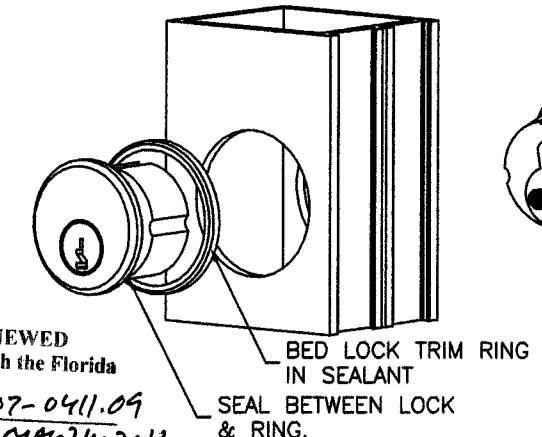
**DOOR GLASS STOP
INSTALLATION**

- 1) INTERIOR AND EXTERIOR STOPS D-152 AND D-153 TO BE BED IN SEALANT FOR WATER RESISTANT DOORS. ALL FASTENERS TO BE CAP SEALED AND JOINTS TO BE SEALED.
- 2) GLAZING TAPE V2108 TO BE INSTALLED TO EXTERIOR STOP D-152 AND PROTECTIVE FILM REMOVED BEFORE GLASS INSTALLATION. ONLY REMOVE APPROXIMATELY 3" OF FILM AT EACH END OF TAPE, SET GLASS, THEN REMOVE REMANDER OF TAPE. PRESS GLASS INTO TAPE.
- 3) HORIZONTAL STOPS MUST BE INSTALLED PRIOR TO VERTICAL STOPS, D-153 AND D-162 MUST BE INSTALLED AT INTERIOR BEFORE VERTICALS.
- 4) V2106 TO BE INSTALLED ON SNAP-IN STOP D-162, PROTECTIVE FILM MUST BE LEFT ON TAPE. STOP SHOULD BE HOOKED BETWEEN D-153 AND GLASS, THEN ROLLED INTO POSTION. PRESS FIRMLY UNTIL IT SNAPS INTO PROPER POSITION.
- 5) CHECK TO INSURE DOOR IS SQUARE. CLEAN ALL SURFACES PER SEALANT MANUFACTURERS RECOMMENDATIONS, STRUCTURAL SILICONE MAY THEN BE RAN ON BOTH INTERIOR AND EXTERIOR OF GLASS. ALLOW PROPER CURING TIME BEFORE INSTALLING DOORS

STEEL REINFORCING FOR MULLIONS	
A	1 1/4" X 4 11/16" X 12ga STEEL CHANNEL
B	1 1/4" X 4 9/16" X 1/4" STEEL CHANNEL

NOTE ON SINGLE DOORS:
V7812 (SSA) TAPE INSTALLED WITH ADHESIVE SIDE TO SUBFRAME ON HINGE STILE AND ADHESIVE TO DOOR STOP AT DOOR HEADER AND LOCK STILE. SEAL CORNERS AND ENDS TO THRESHOLD.

NOTE ON PAIRS OF DOORS:
V7812 (SSA) TAPE INSTALLED WITH ADHESIVE SIDE TO SUBFRAME ON HINGE STILE AND ADHESIVE TO DOOR STOP AT DOOR HEADER. SEAL CORNERS AND ENDS TO THRESHOLD.



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NOTE:
CYLINDER SEALANT REQUIRED
AT WATER RESISTANT DOORS
ONLY!

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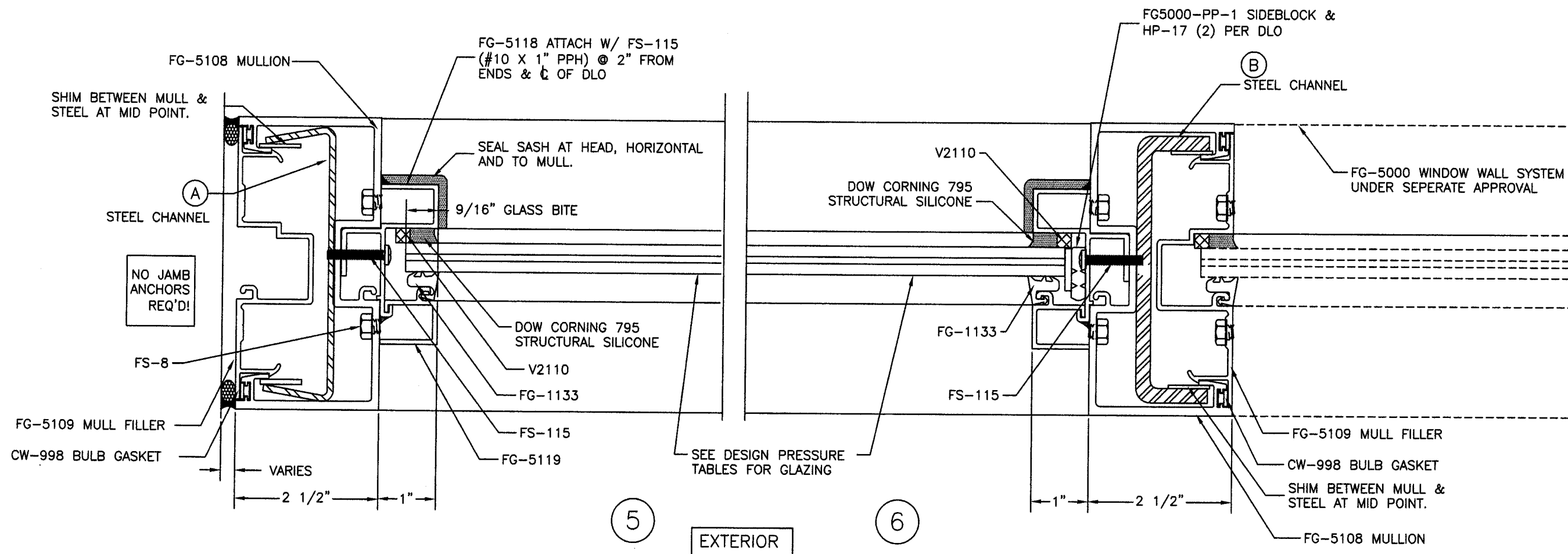
VISTAWALL
ARCHITECTURAL PRODUCTS
PRODUCT DEVELOPMENT GROUP

RUGGED OUTSWING (MEDIUM STILE) DOORS
W/ FG-5000 WINDOW WALL SYSTEM

DATE 7-12-07
DRAWN BY JPC
DWG. NO. RUGGEDMS_01

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NO. REVISION DATE BY



FABRICATION NOTE:
 CUT 1" PIECES OF FG-5113 HEAD FILLER AND INSTALL AT EACH END OF FRAME HEAD PRIOR TO INSTALLATION OF FG-5118 SASH. INSTALL TYPICAL FG-5113 FILLER BETWEEN SASH AFTER ANCHOR INSPECTION.

STEEL REINFORCING FOR MULLIONS	
A	1 1/4" X 4 11/16" X 12ga STEEL CHANNEL
B	1 1/4" X 4 9/16" X 1/4" STEEL CHANNEL

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 By: [Signature]
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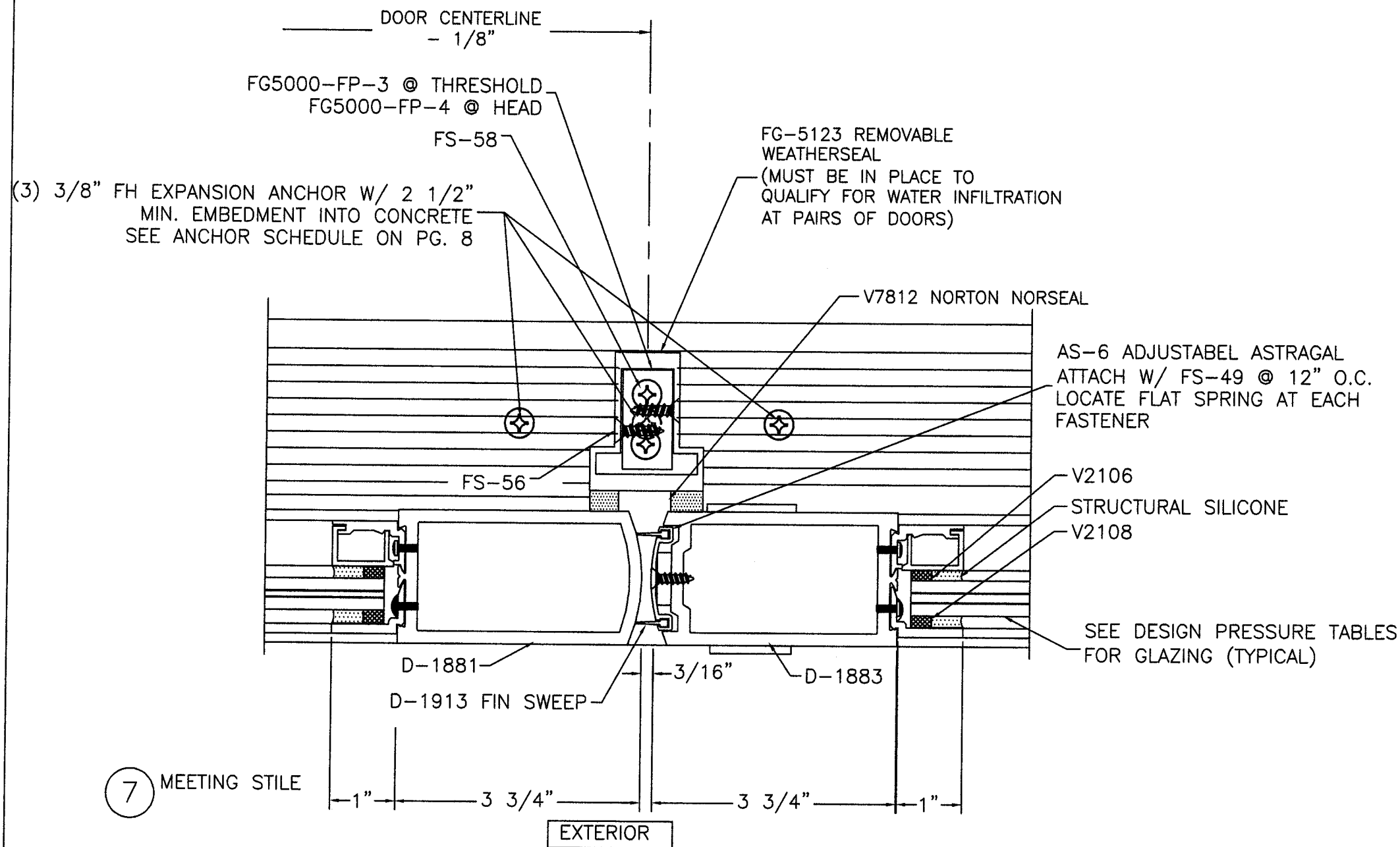
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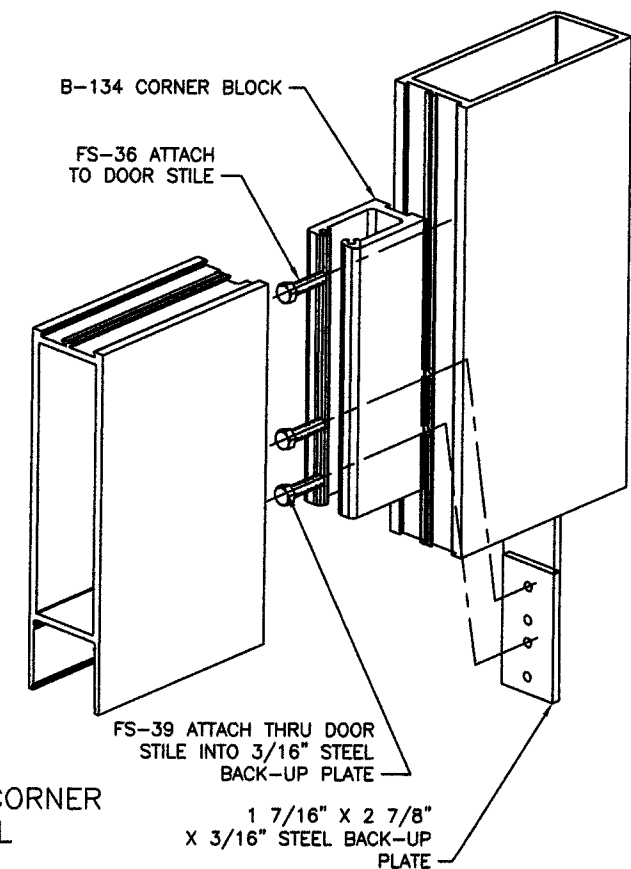
RUGGED OUTSWING (MEDIUM STILE) DOORS
 W/ FG-5000 WINDOW WALL SYSTEM

DATE 7-12-07	SHEET 10 OF 13
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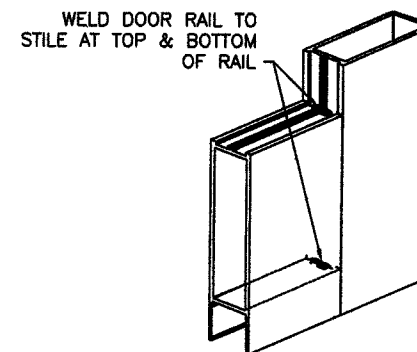


NOTE: FG-5123 REMOVABLE WEATHERSEAL REQUIRED FOR WATER RESISTANT DOORS ONLY. REFERENCE SHEET 13 FOR TAPE INSTALLATION AND SEALANT.

NOTE:
V7812 (SSA) TAPE INSTALLED WITH ADHESIVE SIDE TO SUBFRAME ON HINGE STILE, ADHESIVE TO DOOR STOP AT DOOR HEADER AND ADHESIVE TO REMOVABLE MULLION. SEAL ALL CORNERS AND ENDS TO THRESHOLD. REFERENCE SHEET 10 FOR MORE INFORMATION.



TYPICAL DOOR CORNER ASSEMBLY DETAIL



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Expiration Date MAY 24, 2012
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STRUCTURAL ENGINEERING SERVICES
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FT. LAUDERDALE, FL 33309

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FL. P.E. #43904

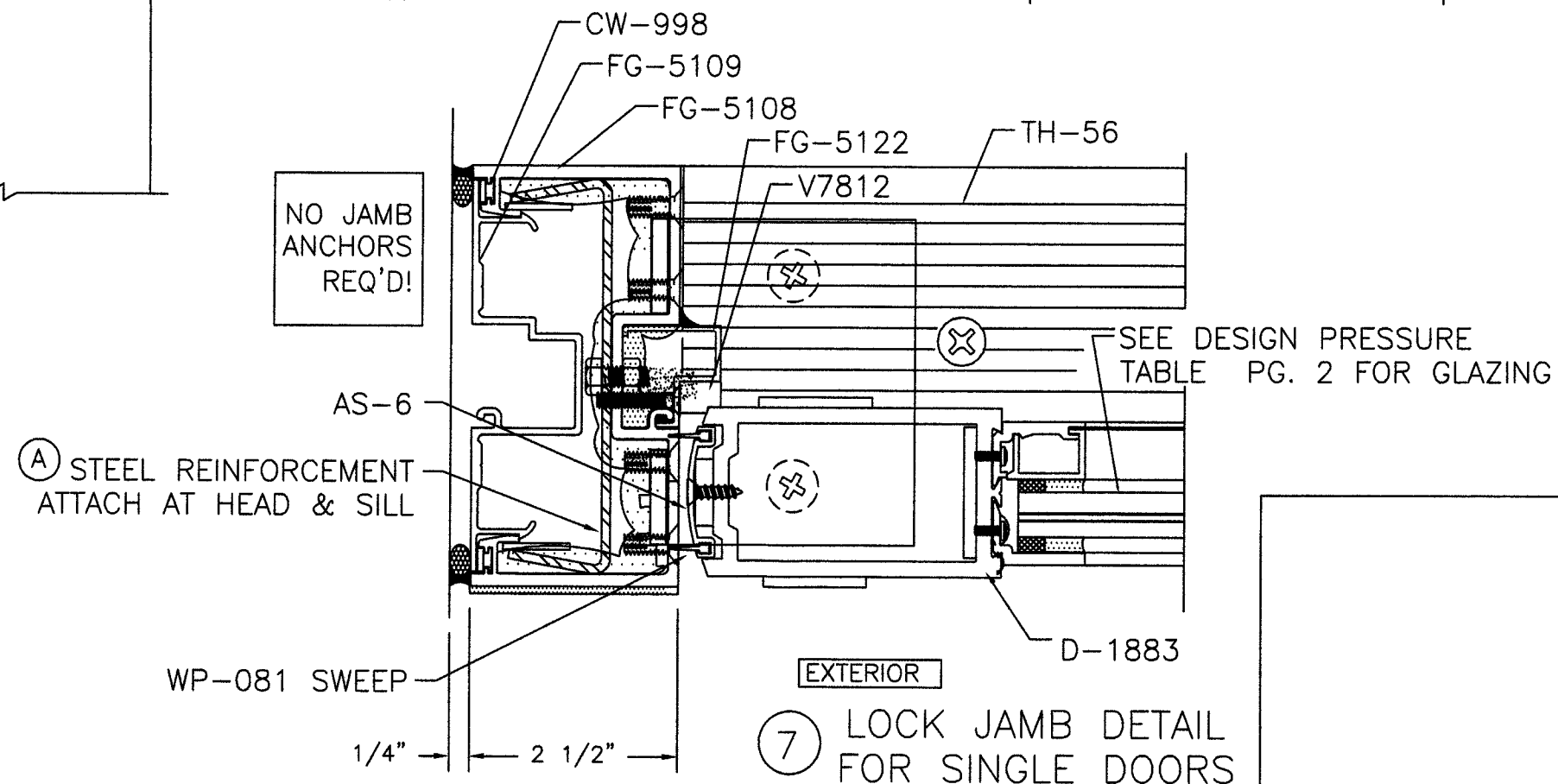
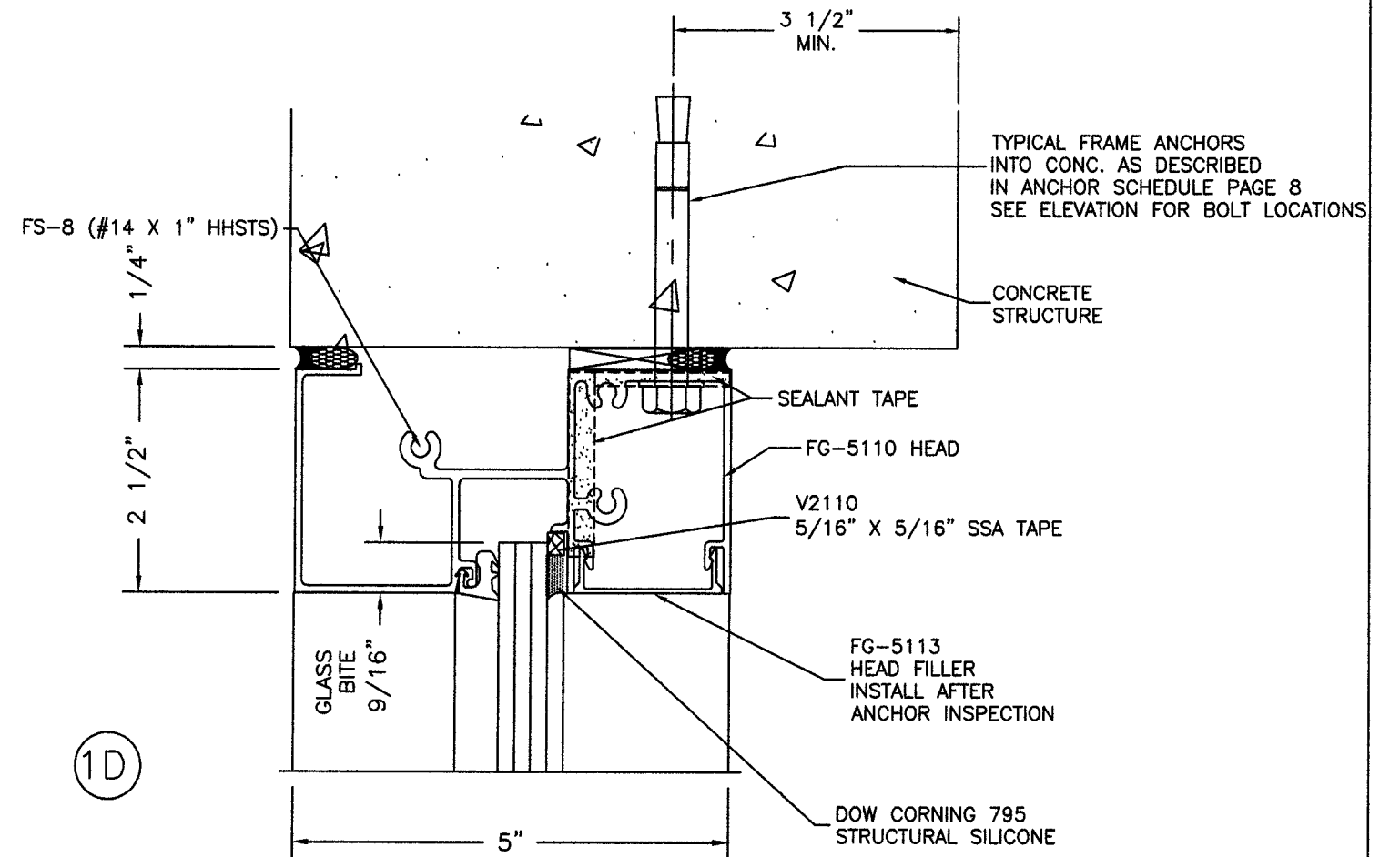
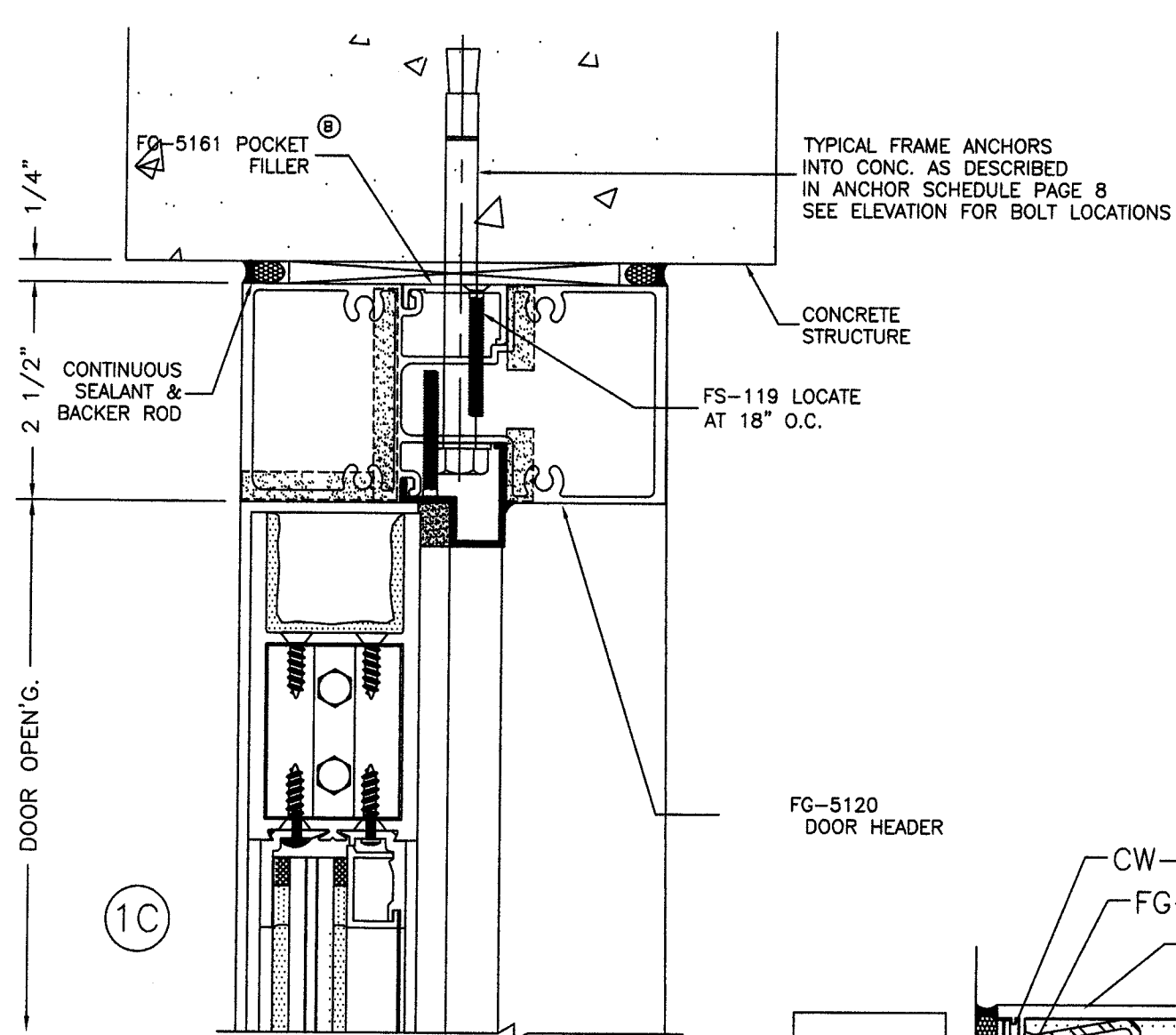
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By Ismael J. Chavira
Miami Code Product Control
Division

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SEALANT INSTRUCTIONS

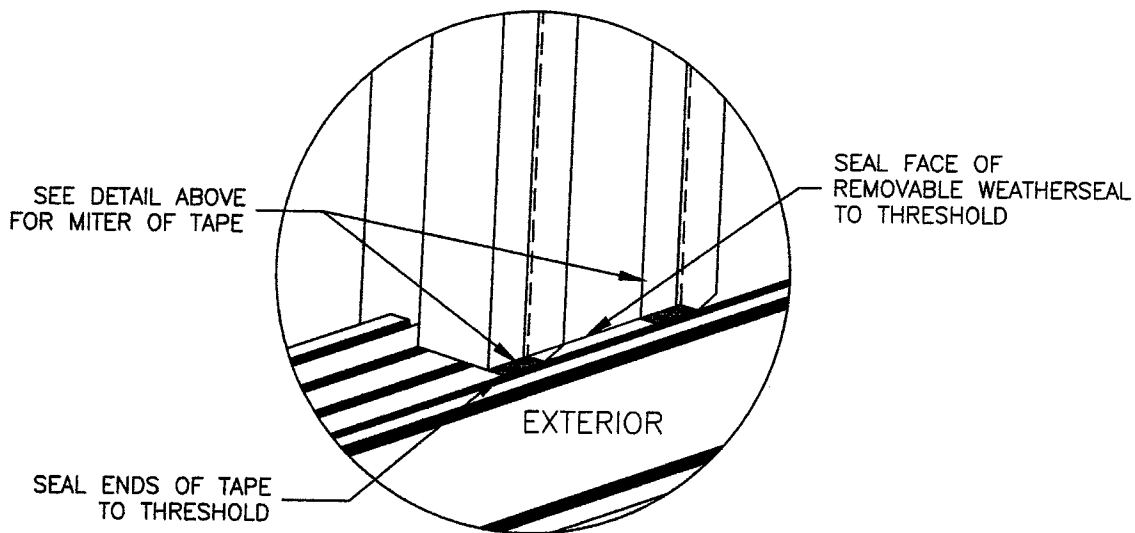
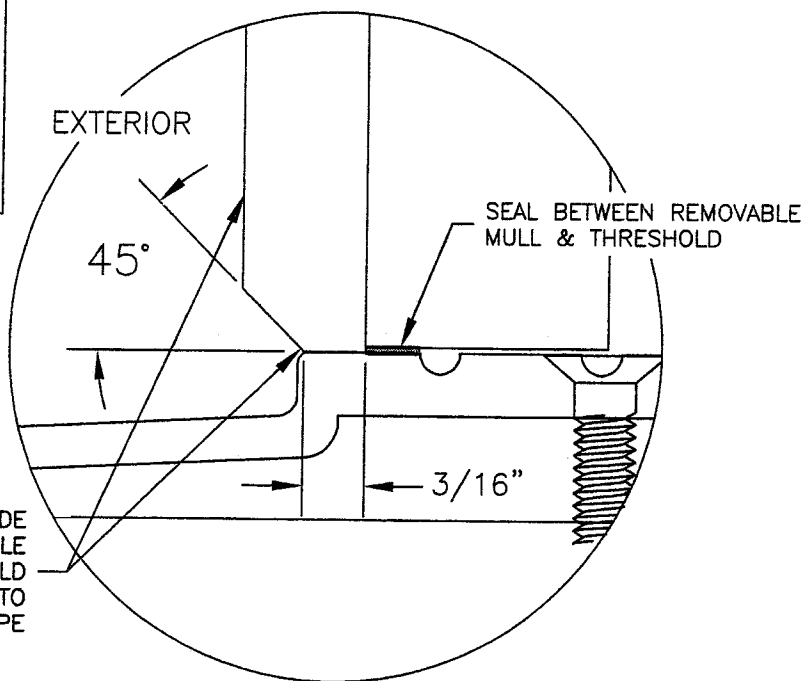
NOTE:

- 1) APPLY TAPE TO DOOR JAMB AT HINGE STILE, TO STOP AT HEADER AND TO REMOVABLE MULL.
- 2) TAPE TO RUN THROUGH VERTICALLY AT DOOR JAMBS.
- 3) SEAL CORNERS OF TAPE AT DOOR HEADER.
- 4) SEAL ENDS OF TAPE TO HORIZONTAL TAPE AT REMOVABLE MULL.
- 5) SEAL ENDS OF TAPE TO THRESHOLD AS SHOWN IN DETAILS BELOW.

TAPE INSTALLATION AT REMOVABLE MULLION OR LOCK JAMB & THRESHOLD

(REQUIRED AT PAIRS &
SINGLE DOOR)

CUT BOTTOM OF LOCK SIDE
V7812 TAPE AT 45° ANGLE
& SEAL BOTTOM TO THRESHOLD
DO NOT ALLOW SEALANT TO
EXTEND BEYOND FACE OF TAPE

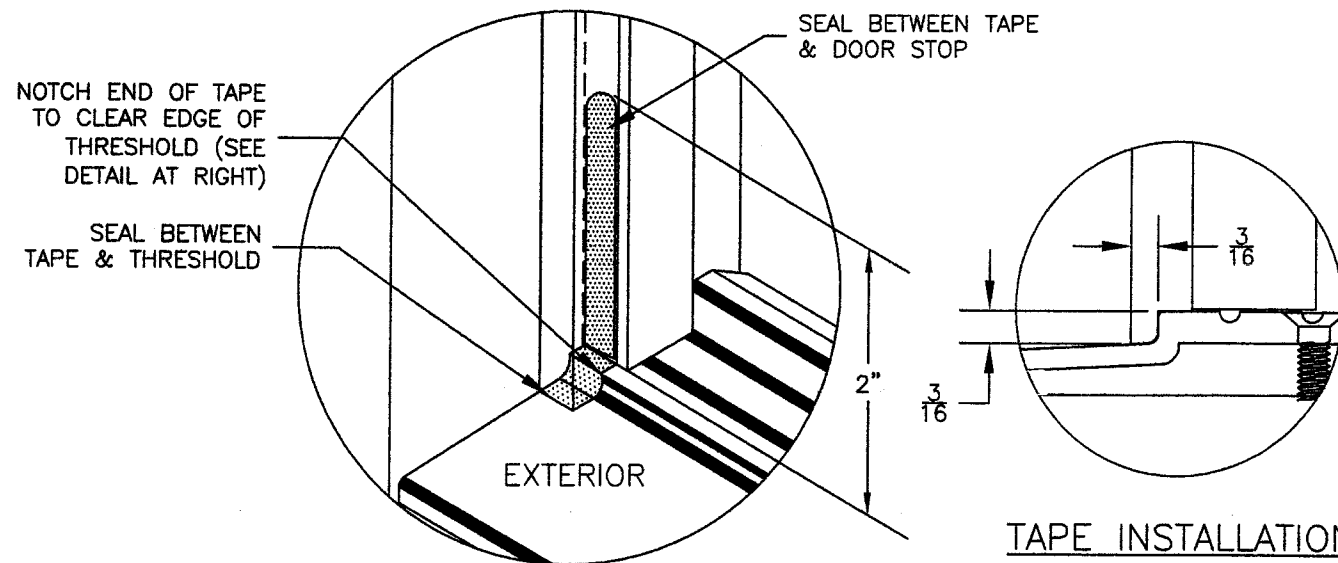


TAPE INSTALLATION AT REMOVABLE WEATHERSEAL & THRESHOLD

(REQUIRED AT PAIRS OF DOORS ONLY)

NOTE: REMOVABLE WEATHERSEAL (MULLION)
REQUIRED FOR WATER INFILTRATION AT PAIRS
OF DOORS. SINGLE DOORS REQUIRE TAPE
INSTALLATION SIMILAR, AS SHOWN IN DETAIL
ABOVE. ALL ATTACHMENTS AT THRESHOLD AND
MULLIONS MUST BE IN PLACE PRIOR TO
INSTALLING REMOVABLE MULL OR
WEATHERSEALS.

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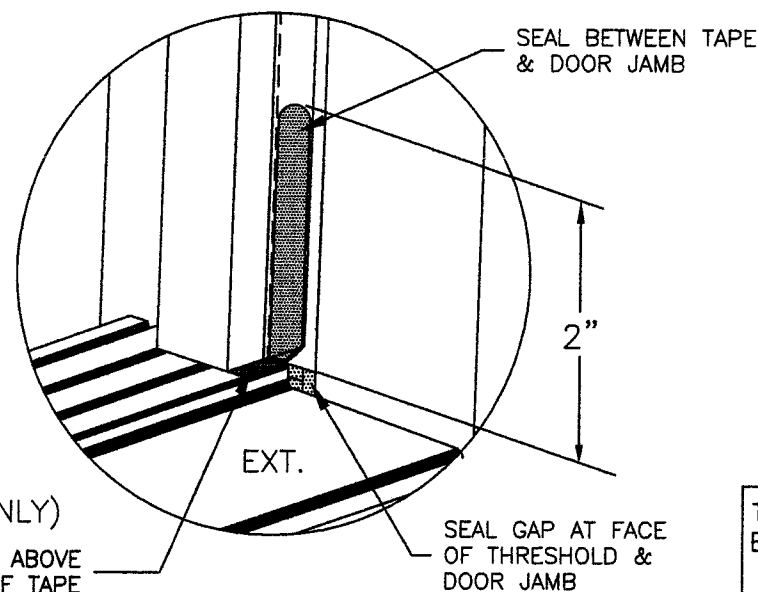
TAPE INSTALLATION AT HINGE STILE & THRESHOLD

(REQUIRED AT PAIRS &
SINGLE DOOR)

TAPE INSTALLATION AT LOCK JAMB & THRESHOLD

(REQUIRED AT SINGLE DOOR ONLY)

SEE DETAIL ABOVE
FOR MITER OF TAPE



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Miami Dade Product Control
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THIS PRODUCT IS COVERED
BY THE FOLLOWING PATENTS
5469665
OTHER PATENTS PENDING

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
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